DOI METADATA FOR SERIAL ARTICLES

ONIX subset specification by EDItEUR on behalf of mEDRA

This document specifies an ONIX subset with a number of newly-defined elements intended to provide a communication format for metadata related to the registration of DOIs for serial articles. The specification allows for the registration of a DOI that is assigned to a serial article-as-work or a DOI that is assigned to a serial article-as-manifestation, ie it gives the option of registering one DOI only, regardless of the different forms – paper or electronic – in which it appears, or of registering separate DOIs for each form.

Colour coding is used in the document as follows: dark red indicates text that applies only when registering a serial article-as-work; dark green indicates text that applies only when registering a serial article-as-manifestation; light red indicates areas where there are outstanding queries or uncertainties.

The document also includes a message header and a pair of “start of message” and “end of message” elements. Please see *ONIX for Books – Product Information Message – XML Message Specification* for details of other ONIX XML conventions.

A mEDRA Serial Article DOI Registration message must carry *either* Serial Article Work records only *or* Serial Article Manifestation records only. Different message names are used in each case.

Throughout the document, text in dark red is used to indicate content that applies only to serial-articles-as-works; text in blue-green is used to indicate content that applies only to serial-articles-as-manifestations.

Data elements for “deposit detail” are not included, as they depend on the result of further discussion within the mEDRA Project.

Pages 27 and 28 show a simple example of a mEDRA Serial Article DOI Registration message carrying a single Serial Article Work record.

<ONIXmEDRASerialArticleWorkRegistrationMessage>

An ONIX mEDRA DOI registration metadata message for serial-articles-as-works is an XML document beginning with an XML label <ONIXmEDRASerialArticleWorkRegistrationMessage> and ending with an XML label </ONIXmEDRASerialArticleWorkRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <mEDRASerialArticleWork> record.

<ONIXmEDRASerialArticleVersionRegistrationMessage>

An ONIX mEDRA DOI registration metadata message for serial-articles-as-manifestations is an XML document beginning with an XML label <ONIXmEDRASerialArticleVersionRegistration Message> and ending with an XML label </ONIXmEDRASerialArticleVersionRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <mEDRASerialArticleVersion> record.

Header composite

A group of data elements which together constitute a message header.

Reference name <Header>

MMH.1 Sender company name

The name of the sender organization, which should always be stated in a standard form agreed with the addressee. Mandatory and non-repeating.

Format Variable-length ASCII text, suggested maximum 30 characters

Reference name <FromCompany>

Example *Mondadori*

MMH.2 Sender contact

Free text giving the name, department, phone number, etc for a contact person in the sender organization who is responsible for the content of the message. Optional and non-repeating.

Format Variable-length ASCII text, suggested maximum 300 characters

Reference name <FromPerson>

Example *Jackie Brown, 020 7979 6444*

MMH.3 Sender contact email address

A text field giving the email address for a contact person in the sender organization who is responsible for the content of the message. Mandatory and non-repeating.

Format Variable-length ASCII text, suggested maximum 100 characters

Reference name <FromEmail>

Example *jackie.brown@bigpublisher.co.uk*

MMH.4 Addressee company name

The name of the addressee organization, which should always be stated in a standard form agreed with the addressee. Mandatory and non-repeating.

Format	Variable-length ASCII text, suggested maximum 30 characters
Reference name	<ToCompany>
Example	*mEDRA*

MMH.5 Message sequence number

A sequence number of the messages in a series sent between trading partners, to enable the receiver to check against gaps and duplicates. Optional and non-repeating.

Format	Variable-length integer,
Reference name	<MessageNumber>
Example	*1234*

MMH.6 Message repeat number

A number which distinguishes any repeat transmissions of a message. The original is numbered 1, and repeats are numbered 2, 3 etc. Optional and non-repeating.

Format	Variable-length integer
Reference name	<MessageRepeat>
Example	*2*

MMH.7 Message creation date/time

The date on which the message is sent. Optionally, the time may be added, using the 24-hour clock. Mandatory and non-repeating.

Format	Eight or twelve numeric digits only (YYYYMMDD or YYYYMMDDHHMM)
Reference name	<SentDate>
Example	*200005220230*

MMH.8 Message note

Free text giving additional information about the message. Optional and non-repeating.

Format	Variable-length ASCII text, suggested maximum 500 characters
Reference name	<MessageNote>
Example	*New titles to be published September 2003*

End of header composite

<mEDRASerialArticleWork> record

A serial article-as-work is described by a group of data elements beginning with an XML label <mEDRASerialArticleWork> and ending with an XML label </mEDRASerialArticleWork>.

Reference name <mEDRASerialArticleWork>

<mEDRASerialArticleVersion> record

A serial article-as-manifestation is described by a group of data elements beginning with an XML label <mEDRASerialArticleVersion> and ending with an XML label </mEDRASerialArticle Version>.

Reference name <mEDRASerialArticleVersion>

MSC.1 Notification or update type code

An ONIX code which indicates the type of notification or update which is being sent. Mandatory and non-repeating.

Format Fixed-length, two numeric digits.

Code list
06 New: a new registration request
07 Update: a complete replacement for a record previously sent

Reference name <NotificationType>

Example *06*

MSC.2 DOI

Digital Object Identifier. The international identifier for intellectual property in the digital environment. See http://www.doi.org/. Mandatory and non-repeating.

Format Variable-length text, suggested maximum length 300 characters.

Reference name <DOI>

Example *10.1006/jmbi.1998.2354*

MSC.3 DOI website link

The URL for the primary website to which the DOI will resolve. Mandatory and non-repeating.

Format Variable-length text, suggested maximum length 300 characters

Reference name <DOIWebsiteLink>

Example http://xyzjournals.com/0123456789.htm

Website composite

An optional and repeatable group of data elements which together identify and provide pointers to other webpages associated with the DOI to which the metadata package refers. It is envisaged that the composite will be used to give the URLs associated with particular service types for multiple resolution.

Reference name <Website>

MSC.4 Website purpose

An ONIX code which identifies the role or purpose of the website which is linked through the **<WebsiteLink>** element. Mandatory and non-repeating.

Format Fixed-length, two numeric digits

Code list Code values to be defined to cover multiple resolution for different service types

Reference name <WebsiteRole>

Example *??*

MSC.5 Link to website

The URL for the website. Mandatory in each occurrence of the **<Website>** composite, and non-repeating.

Format Variable-length text, suggested maximum length 300 characters

Reference name <WebsiteLink>

Example http://xyzjournals.com/0123456789/service3.htm

End of website composite

MSC.6 DOI application profile code

An IDF code identifying the DOI application profile under which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will probably not be required in metadata submitted by publishers for registration. If not sent, it will be generated by mEDRA on receipt of the registration.

Format To be confirmed by IDF: for the draft Schema, this element should be defined as type “string”, without any controlled values

Code list The value for mEDRA DOI registrations for serial contributions is to be confirmed by IDF

Reference name <DOIApplicationProfile>

Example *???*

MSC.7 DOI structural type

An IDF value identifying the structural type of the entity to which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will NOT be required in metadata submitted by publishers for registration. Instead, it will be generated by mEDRA by mapping from other content.

Format	Variable-length character string values defined by IDF
Code list	The only permitted value for mEDRA DOI registrations for serial articles-as-works is *Abstraction* The permitted values for mEDRA DOI registrations for serial articles-as-manifestations are *PhysicalFixation*, *DigitalFixation*
Reference name	<DOIStructuralType>
Example	*Abstraction*

MSC.8 DOI mode

An IDF value identifying the mode of the entity to which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will NOT be required in metadata submitted by publishers for registration. Instead, it will be generated by mEDRA by mapping from the mandatory **<ProductForm>** code (see MSC.25).

Format	Variable-length character string values defined by IDF
Code list	The only permitted value for mEDRA DOI registrations for serial articles-as-works is *Abstract* The permitted values for mEDRA DOI registrations for serial articles-as-manifestations are *Visual*, *Audio*, *Audiovisual*
Reference name	<DOIMode>
Example	*Visual*

MSC.9 DOI registrant name

The name of the person or corporate body responsible for registering the DOI to which this mEDRA ONIX metadata package refers. Mandatory and non-repeating.

Format	Variable-length text, suggested maximum length 100 characters
Reference name	<RegistrantName>
Example	*Mondadori*

MSC.10 DOI registration authority

An IDF value identifying the registration agency with which the DOI in this mEDRA ONIX metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will NOT be required in metadata submitted by publishers for registration.

Format	Variable-length character string values defined by IDF
Code list	For the draft Schema, the value *mEDRA* will be used as a placeholder
Reference name	<RegistrationAuthority>
Example	*mEDRA*

NOTE: the **<WorkIdentifier>** and **<ProductIdentifier>** composites specified on this and the following page are to be used for additional identifiers by which the serial article which is being registered for DOI assignment is known. They are included for consistency with other mEDRA formats, though it is probably less likely that a serial article will carry other formal identifiers.

Work identifier composite

A group of data elements which together define the identifier of a work in accordance with a specified scheme, and used here for any additional identifiers for a serial article-as-work. In mEDRA DOI registrations for serial articles-as-works, one occurrence might carry the ISTC assigned to the work, if known. Optional and repeatable if the work has more than one identifier of different types. Not used in a record for a serial article-as-manifestation.

Reference name <WorkIdentifier>

MSC.11 Work identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list
01 Proprietary, eg a publisher's internal work identifier
11 ISTC

Reference name <WorkIDType>

Example *11*

MSC.12 Identifier value

An identifier of the type specified in the **<WorkIDType>** element. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<WorkIDType>**

Reference name <IDValue>

Example *12345678*

End of work identifier composite

See note on previous page.

Product identifier composite

A repeatable group of data elements which together define the identifier of a product in accordance with a specified scheme, and used here for any additional identifiers for a serial article-as-manifestation. In mEDRA DOI registrations for serial articles-as-manifestations, one occurrence could carry a publisher's proprietary identifier, for example. Optional and repeatable if the work has more than one identifier of different types. Not used in a record for a serial article-as-work.

Reference name <ProductIdentifier>

MSC.13 Product identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list 01 Proprietary, eg a publisher's product number

Reference name <ProductIDType>

Example *02*

MSC.14 Identifier value

An identifier of the type specified in the **<ProductIDType>** element. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<ProductIDType>**

Reference name <IDValue>

Example *12345678*

End of product identifier composite

Serial publication composite

A group of data elements which together identify and describe a serial publication at either or both of "serial work" and "serial version" (or "manifestation") levels. Mandatory and non-repeating. The structure of the composite requires that the title and publisher of the serial are given at "work" level. An identifier is optional at the "work" level.

Reference name <SerialPublication>

Serial work composite

A group of data elements which together identify and describe a serial work. Mandatory and non-repeating.

Reference name <SerialWork>

Serial work identifier composite

A repeatable group of data elements which together define an identifier of a serial work. Optional: to be sent only if the serial has an established identifier at "work" level. (ISSNs are correctly assigned at "serial version" level, with a separate ISSN for print and electronic versions.) Repeatable only if two or more identifiers of different types are sent.

Reference name <SerialWorkIdentifier>

MSC.15 Serial work identifier type code

An ONIX code identifying the scheme from which the identifier in **<IDValue>** is taken. Mandatory in each occurrence of the **<SerialWorkIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list
01 Proprietary, a publisher's or agent's internal number
06 DOI
08 CODEN

Reference name <SerialWorkIDType>

Example *01* Proprietary

MSC.16 Identifier value

An identifier of the type specified in **<SerialWorkIDType>**. Mandatory in each occurrence of the **<SerialWorkIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<SerialWorkIDType>**

Reference name <IDValue>

Example *12345678*

End of serial work identifier composite

Title composite

A group of data elements which together give the text of a title, including a subtitle where applicable, and specify its type; used here for the title of a serial work. Mandatory in each occurrence of the **<SerialPublication>** composite. Repeatable if two or more forms of the same title are sent.

The **<Title>** tag may carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*, where these are shared by all text elements within the composite, and for mEDRA purposes MUST carry the *language* attribute to specify the language of the title, using ISO 639-2/B language codes.

Reference name <Title language="*code*">

MSC.17 Title type code

An ONIX code indicating the type of a title. Mandatory in each occurrence of the **<Title>** composite, and non-repeating. Additional types of title can be defined by adding code values.

Format Fixed-length, two numeric digits

Code list
01 Distinctive title: use for the cover title in full
05 Abbreviated or truncated title

Reference name <TitleType>

Example *01*

MSC.18 Title text

The text of the title specified by the **<TitleType>** code. Mandatory in each occurrence of the **<Title>** composite, and non-repeating.

Format Variable-length text, suggested maximum 600 characters

Reference name <TitleText>

Example *Journal of Irreproducible Results*

MSC.19 Subtitle

The full text of a subtitle, if any. "Subtitle" means any added words which appear with the title given in an occurrence of the **<Title>** composite, and which amplify and explain the title, but which are not considered to be part of the title itself. Optional and non-repeating.

Format Variable-length text, suggested maximum 300 characters

Reference name <Subtitle>

Example *?????????????*

End of title composite

Publisher composite

A repeatable group of data elements which together identify an entity which is associated with the publishing of a serial work. The composite will allow additional publishing roles to be introduced without adding new fields. Each occurrence of the composite should carry a publishing role code and a publisher name.

Reference name <Publisher>

MSC.20 Publishing role code

An ONIX code which identifies a role played by an entity in the publishing of a serial work. Mandatory in each occurrence of the **<Publisher>** composite, and non-repeating.

Format Fixed-length, two numeric digits.

Code list
01 Publisher
02 Co-publisher

Reference name <PublishingRole>

Example *02*

MSC.21 Publisher name

The name of an entity associated with the publishing of a serial work. Mandatory in each occurrence of the **<Publisher>** composite, and non-repeating.

Format Variable length text, suggested maximum length 100 characters.

Reference name <PublisherName>

Example *Reed International Books*

End of publisher composite

MSC.22 Country of publication

A code identifying the country where the serial work is published. Mandatory and non-repeating.

Format Fixed-length, two upper-case letters. Note that ISO 3166 specifies that these codes should always be in upper-case.

Code list ISO 3166-1 two-letter codes

Reference name <CountryOfPublication>

Example *US*

End of serial work composite

Serial version composite

A group of data elements which together identify and specify the form of a version or "manifestation" of a serial publication. Each occurrence of the composite must consist of *either* one or more identifiers for the serial version and a product form code *or* a product form code alone, if there is no unique identifier available for the specified version.

Repeatable in records describing a serial article-as-work, if the serial publication is available in two or more versions.

Non-repeating in records describing a serial article-as-manifestation: only the form to which the DOI registration applies should be cited. A cross-reference to any other form(s) can be sent in the **<RelatedProduct>** composite.

Reference name <SerialVersion>

Serial version identifier composite

A repeatable group of data elements which together define an identifier of a version of a serial publication. Optional: to be sent if the serial has one or more established identifiers at "serial version" level. (ISSNs are correctly assigned at "serial version" level, with a separate ISSN for print and electronic versions.)

Reference name <SerialVersionIdentifier>

MSC.23 Serial version identifier type code

An ONIX code identifying the scheme from which the identifier in **<IDValue>** is taken. Mandatory in each occurrence of the **<SerialVersionIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list
01 Proprietary, a publisher's or agent's internal number
06 DOI
07 ISSN (sent unhyphenated in ONIX records)

Reference name <SerialVersionIDType>

Example *01* Proprietary

MSC.24 Identifier value

An identifier of the type specified in **<SerialVersionIDType>**. Mandatory in each occurrence of the **<SerialVersionIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<SerialVersionIDType>**

Reference name <IDValue>

Example *12345678*

End of serial version identifier composite

MSC.25 Product form code

An ONIX code which indicates the medium and/or format in which a serial item is published. Mandatory in each occurrence of the **<SerialVersion>** composite, and non-repeating.

Format	Fixed-length, two letters.
Code list	Selected codes only from ONIX Product Form code list: JB Printed journal JC CD-ROM journal JD Electronic journal, online
Reference name	<ProductForm>
Example	*JB*

MSC.26 Epublication format code

An ONIX code identifying the file format of an epublication. Optional and non-repeating, and can occur only if the **<ProductForm>** code is *JD*.

Format	Fixed-length, 2 numeric digits
Code list	ONIX Code List 11: see separate documentation
Reference name	<EpubFormat>
Example	*02*

MSC.27 Epublication format version number

A version number which applies to an epublication format. Optional and non-repeating, and can occur only if the **<EpubFormat>** field is present.

Format	Variable-length text, suggested maximum 10 characters
Reference name	<EpubFormatVersion>
Example	*2.1*

MSC.28 Epublication format description

A free text description of an epublication format. Optional and non-repeating, and can occur only if the **<ProductForm>** code is *JD*; but does not require the **<EpubFormat>** field to be present.

Format	Variable-length text, suggested maximum 200 characters
Reference name	<EpubFormatDescription>
Example	*Screen optimized PDF, with low-res figures*

End of serial version composite

End of serial publication composite

Example of the use of the <SerialPublication> composite

This example shows a serial called “New Title” which is published in print and online versions, each of which has its own ISSN. The example is constructed as if it was part of a <SerialArticleWork> record, ie it describes both versions within the <SerialPublication> composite.

```
<SerialPublication>
        <SerialWork>
                <Title language=”eng”>
                        <TitleType>01</TitleType>
                        <TitleText>New Title</TitleText>
                </Title>
                <Publisher>
                        <PublishingRole>01</PublishingRole>
                        <PublisherName>Newpublisher</PublisherName>
                </Publisher>
        </SerialWork>
        <SerialVersion>
                <SerialVersionIdentifier>
                        <SerialVersionIDType>07</SerialVersionIDType>
                        <IDValue>12345678</IDValue>
                </SerialVersionIdentifier>
                <ProductForm>JB</ProductForm>
        </SerialVersion>
        <SerialVersion>
                <SerialVersionIdentifier>
                        <SerialVersionIDType>07</SerialVersionIDType>
                        <IDValue>87654321</IDValue>
                </SerialVersionIdentifier>
                <ProductForm>JD</ProductForm>
        </SerialVersion>
</SerialPublication>
```

Journal issue composite

A repeatable group of data elements which together identify a serial issue. Each occurrence of the composite must have at least an issue number in the **<JournalIssueNumber>** element, or an "other designation" in **<JournalIssueDesignation>**, or an issue date in **<IssueDate>**; or any combination of these.

Reference name <JournalIssue>

MSC.29 Volume number

The number given by the publisher to the volume of a serial of which the issue is part. Optional and non-repeating: the field is omitted if the serial does not have numbered volumes. If volumes are numbered in roman numerals, the number must be converted to arabic digits.

Format Variable-length integer, suggested maximum length 6 digits

Reference name <JournalVolumeNumber>

Example *53*

MSC.30 Issue number

The number given by the publisher to the issue described in an occurrence of the **<JournalIssue>** composite. This field is omitted if the serial does not have numbered issues, in which case the **<JournalIssueDesignation>** element and/or **<IssueDate>** must be present. If issues are numbered in roman numerals, the number must be converted to arabic digits.

Format Variable-length integer, suggested maximum length 6 digits

Reference name <JournalIssueNumber>

Example *7*

MSC.31 Other designation of volume and/or issue

Where an issue cannot be specified by enumeration of volume and/or issue, an "other designation" may be entered here as free text.

Format Text, suggested maximum length 100 characters

Reference name <JournalIssueDesignation>

Example *Index for Vols 20-25*

Journal issue date composite

A group of data elements which together specify a journal issue date. Required unless not known at the time of DOI registration.

Reference name <JournalIssueDate>

MSC.32 Date format

An ONIX code indicating the format in which the date is given in **<Date>**. Mandatory in each occurrence of the **<JournalIssueDate>** composite, and non-repeating.

Format Fixed-length, two numeric digits

Code list
00 YYYYMMDD Year month day (default)
01 YYYYMM Year month
02 YYYYWW Year and week number
03 YYYYQ Year and quarter (Q = 1, 2, 3, 4)
04 YYYYS Year and season (S = 1, 2, 3, 4 with 1 = “Spring”)
05 YYYY Year
06 YYYYMMDDYYYYMMDD Spread of exact dates
07 YYYYMMYYYYMM Spread of months
08 YYYYWWYYYYWW Spread of week numbers
09 YYYYQYYYYQ Spread of quarters
10 YYYYSYYYYS Spread of seasons
11 YYYYYYYY Spread of years
12 Text string For approximate or uncertain dates

Reference name <DateFormat>

Example *01*

MSC.33 Date

The issue date in the format specified in the **<DateFormat>** element. Mandatory in each occurrence of the **<JournalIssueDate>** composite, and non-repeating.

Format As specified by the value in **<DateFormat>**: default YYYYMMDD

Reference name <Date>

Example *200101*

End of journal issue date composite

End of journal issue composite

Content item composite

A group of data elements which together describe a content item, used here for a serial article. One and only one occurrence is mandatory in each mEDRA Serial Article record.

Reference name <ContentItem>

MSC.34 Content item sequence number

A number which specifies the position of a content item in the table of contents for a journal issue. Optional and non-repeating.

Format Variable-length integer, 1, 2, 3 etc, suggested maximum length 3 digits

Reference name <SequenceNumber>

Example *3*

Text item composite

A group of data elements which are specific to text content. Optional and non-repeating.

Reference name <TextItem>

Page run composite

A repeatable group of data elements which together define a run of contiguous pages on which a text item appears. The composite is mandatory in any occurrence of the **<TextItem>** composite in this context, and may be repeated where the text item covers two or more separate page runs.

Reference name <PageRun>

MSC.35 First page number

The number of the first page of a sequence of contiguous pages. Mandatory in each occurrence of the **<PageRun>** composite, and non-repeating. Note that here and in the **<LastPageNumber>** element a page "number" may be arabic, roman, or an alphanumeric string (eg *L123*).

Format Variable-length alphanumeric, suggested maximum length 20 characters

Reference name <FirstPageNumber>

Example *23*

MSC.36 Last page number

The number of the last page of a sequence of contiguous pages (ignoring any blank verso which is left after the last text page). This element is omitted if an item begins and ends on the same page; otherwise it should occur once and only once in each occurrence of the **<PageRun>** composite.

Format Variable-length alphanumeric, suggested maximum length 20 characters

Reference name <LastPageNumber>

Example *35*

End of page run composite

End of text item composite

Title composite

A group of data elements which together give the text of a title, including a subtitle where applicable, and specify its type. The **<Title>** tag may carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*, where these are shared by all text elements within the composite, and for mEDRA purposes MUST carry the *language* attribute to specify the language of the title, using ISO 639-2/B language codes. The **<Title>** composite is repeatable if more than one form of the article title is sent.

Reference name <Title language="*code*">

MSC.37 Title type code

An ONIX code indicating the type of a title. Mandatory in each occurrence of the **<Title>** composite, and non-repeating. Additional types of title can be defined by adding code values.

Format Fixed-length, two numeric digits

Code list
01 Distinctive title, in full
05 Abbreviated or truncated title

Reference name <TitleType>

Example *01*

MSC.38 Title text

The text of the title specified by the **<TitleType>** code. Mandatory in each occurrence of the **<Title>** composite, and non-repeating.

Format Variable-length text, suggested maximum 600 characters

Reference name <TitleText>

Example *Getting to grips with the EU Copyright Directive*

MSC.39 Subtitle

The full text of a subtitle, if any. "Subtitle" means any added words which appear with the title given in an occurrence of the **<Title>** composite, and which amplify and explain the title, but which are not considered to be part of the title itself. Optional and non-repeating.

Format Variable-length text, suggested maximum 300 characters

Reference name <Subtitle>

Example *A lawyer's view*

End of title composite

Contributor composite

A repeatable group of data elements which together describe a personal or corporate contributor to the product. Each instance of the **<Contributor>** composite must carry either a personal name (in one or both of the two forms supported in MSC.42 and MSC.43) or a corporate name.

Reference name <Contributor>

MSC.40 Contributor sequence number

A number which specifies a single overall sequence of contributor names. Optional and non-repeating.

Format Variable-length integer, 1, 2, 3 etc, suggested maximum length 3 digits

Reference name <SequenceNumber>

Example *3*

MSC.41 Contributor role

An ONIX code indicating the role played by a person or corporate body in the creation of the product. Mandatory in each occurrence of a **<Contributor>** composite, and may be repeated if the same person or corporate body has more than one role in relation to the product.

Format Fixed-length, one letter and two numeric digits

Code list ONIX Code List 17: see separate documentation

Reference name <ContributorRole>

Example *A01*

MSC.42 Person name

The name of a person who contributed to the creation of the product, unstructured, and presented in normal order. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonName>

Example *James J. Johnson III*

MSC.43 Person name, inverted

The name of a person who contributed to the creation of the product, presented in inverted order, with the element used for alphabetical sorting placed first. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonNameInverted>

Example *Johnson, James J., III*

MSC.44 Corporate contributor name

The name of a corporate body which contributed to the creation of the product, unstructured. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format Variable-length text, suggested maximum length 200 characters

Reference name <CorporateName>

Example *Good Housekeeping Institute*

End of contributor composite

MSC.45 "No authorship" indicator

An empty element that gives a positive indication that a product has no stated authorship. Optional and non-repeating. Must only be sent in a **<ContentItem>** composite that has no occurrences of the **<Contributor>** composite. If at the time of sending the metadata the authorship is unknown, the record may be sent without a **<Contributor>** composite or a **<NoContributor/>** element.

Format XML empty element

Reference name <NoContributor/>

Example *<NoContributor/>*

Language composite

A repeatable group of data elements which together represent a language and specify its role.

Reference name <Language>

MSC.46 Language role

An ONIX code indicating the "role" of a language in the context of the ONIX record. Mandatory in each occurrence of the **<Language>** composite, and non-repeating.

Format Fixed-length, two numeric digits

Code list
01 Language of text
02 Original language of a translated text

Reference name <LanguageRole>

Example *01*

MSC.47 Language code

An ISO code indicating a language. Mandatory in each occurrence of the **<Language>** composite, and non-repeating.

Format Fixed-length, three lower-case letters. Note that ISO 639 specifies that these codes should always be in lower-case.

Code list ISO 639-2/B three-letter codes

Reference name <LanguageCode>

Example *eng*

End of language composite

MSC.48 Publication date

In records describing a serial article-as-work, the actual date of first publication in either paper or electronic form, as opposed to the nominal date of the issue in which the article appears, which is sent in the **<JournalIssue>** composite.

In records describing a serial article-as-manifestation: the actual date of publication in the form to which the DOI registration applies.

In either case, optional and non-repeating.

Format	Four, six or eight numeric digits (YYYY, YYYYMM, or YYYYMMDD).
Reference name	<PublicationDate>
Example	*20010315*

Copyright statement composite

An optional and repeatable group of data elements which together represent a structured copyright statement for the product.

Reference name	<CopyrightStatement>

MSC.49 Copyright year

The copyright year as it appears in a copyright statement on the product. Mandatory in each occurrence of the **<CopyrightStatement>** composite, and repeatable if several years are listed.

Format	Date as year only (YYYY)
Reference name	<CopyrightYear>
Example	*2003*

Copyright owner composite

A repeatable group of data elements which together name a copyright owner. At least one occurrence is mandatory in each occurrence of the **<CopyrightStatement>** composite. Each occurrence of the **<CopyrightOwner>** composite must carry a single name (personal or corporate). (In a full ONIX record, an identifier may also be used.)

Reference name	<CopyrightOwner>

MSC.50 Person name

The name of a person, used here for a personal copyright holder. Repeatable. There must be at least one occurrence of either **<PersonName>** or **<CorporateName>** in each occurrence of the **<CopyrightStatement>**. There may be multiple occurrences of either or both of these two elements.

Format	Variable-length text, suggested maximum length 100 characters
Reference name	<PersonName>
Example	*James J. Johnson III*

MSC.51 Corporate name

The name of a corporate body, used here for a corporate copyright holder. Repeatable.

Format	Variable-length text, suggested maximum length 200 characters
Reference name	<CorporateName>
Example	*Johnson & Johnson Inc*

End of copyright owner composite

End of copyright statement composite

Deposit detail – to be defined

Related work composite

A group of data elements which together identify a work which has a specified relationship to the serial article which is described in the mEDRA ONIX metadata package. Optional, and repeatable if the product is linked to more than one related work. The mandatory content of an occurrence of the **<RelatedWork>** composite is a **<RelationCode>** and a work identifier.

Reference name <RelatedWork>

MSC.52 Relation code

An ONIX code which identifies the nature of the relationship between two entities, which may be either works or manifestations of works. Mandatory in each occurrence of the **<RelatedWork>** composite, and non-repeating. In the code lists below, "X" represents the related work that is identified in an occurrence of the composite.

Format: Fixed length, two numeric digits

Code list (in records describing a serial article-as-work)

80	Includes	
81	Is part of	
82	Is a new version of	Is a new version of X, with different content
83	Has a new version	Has a new version X, with different content
85	Is a different language version of	
86	Is a resource about	
87	Is continued by	
88	Is a continuation of	

Code list (in records describing a serial article-as-manifestation)

80	Includes	Includes a manifestation of X
81	Is part of	Is a manifestation of part of X
82	Is a new version of	Is a manifestation of a new version of X, with different content
83	Has a new version	Is a manifestation of a work that has a new version X, with different content
85	Is a different language version of	Is a manifestation of a work that is a different language version of X
86	Is a resource about	Is a manifestation of a work that is a resource about X
87	Is continued by	Is a manifestation of a work that is continued by X
88	Is a continuation of	Is a manifestation of a work that is a continuation of X
90	Is a manifestation of	

Reference name <RelationCode>

Example *81* Is part of

Work identifier composite

A group of data elements which together define the identifier of a work in accordance with a specified scheme, and allowing other types of work identifier for a related work to be included without defining additional data elements. One occurrence is mandatory in each instance of the **<RelatedWork>** composite. Repeatable if the work has more than one identifier of different types.

Reference name <WorkIdentifier>

MSC.53 Work identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list
01 Proprietary, eg a publisher's work identifier
06 DOI
11 ISTC

Reference name <WorkIDType>

Example *06* DOI

MSC.54 Identifier value

An identifier of the type specified in the **<WorkIDType>** element. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<WorkIDType>**

Reference name <IDValue>

Example *12345678*

End of work identifier composite

End of related work composite

Related product composite

A group of data elements which together identify a product (or “manifestation”) which has a specified relationship to the serial article which is described in the mEDRA ONIX metadata package. Optional, and repeatable if the product is linked to more than one related product. The minimum required content of an occurrence of the **<RelatedProduct>** composite is a **<RelationCode>** and a product identifier.

Reference name <RelatedProduct>

MSC.55 Relation code

An ONIX code which identifies the nature of the relationship between two entities, which may be either works or manifestations of works. Mandatory in each occurrence of the **<RelatedProduct>** composite, and non-repeating. In the code lists below, “Y” represents the related product or manifestation that is identified in an occurrence of the composite.

Format: Fixed length, two numeric digits

Code list (in records describing a serial article-as-work)

80	Includes	Includes the work manifested in Y
81	Is part of	Is part of the work manifested in Y
82	Is a new version of	Is a new version of the work manifested in Y, with different content
83	Has a new version	Has a new version manifested in Y, with different content
85	Is a different language version of	Is a different language version of the work manifested in Y
86	Is a resource about	Is a resource about the work manifested in Y
87	Is continued by	Is continued by the work manifested in Y
88	Is a continuation of	Is a continuation of the work manifested in Y
89	Is manifested in	

Code list (in records describing a serial article-as-manifestation)

80	Includes	
81	Is part of	
82	Is a new version of	Is a manifestation of a new version of the work manifested in Y, with different content
83	Has a new version	Is a manifestation of a work that has a new version manifested in Y, with different content
84	Is a different form of	
85	Is a different language version of	Is a manifestation of a work that is a different language version of the work manifested in Y
86	Is a resource about	Is a manifestation of a work that is a resource about the work manifested in Y
87	Is continued by	
88	Is a continuation of	

Reference name <RelationCode>

Example *82* Is a new version of

Product identifier composite

A repeatable group of data elements which together define the identifier of a product in accordance with a specified scheme, and allowing other types of product identifier for a related product to be included without defining additional data elements. Mandatory in each occurrence of the <RelatedProduct> composite. Repeatable only if two different identifiers (eg DOI and ISBN) for the same related item are sent.

Reference name <ProductIdentifier>

MSC.56 Product identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format Fixed-length, 2 numeric digits

Code list
01 Proprietary, a publisher's product number
02 ISBN
03 EAN-13
06 DOI

Reference name <ProductIDType>

Example *02*

MSC.57 Identifier value

An identifier of the type specified in the **<ProductIDType>** element. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format According to the identifier type specified in **<ProductIDType>**

Reference name <IDValue>

Example *12345678*

End of product identifier composite

End of related product composite

End of content item composite

End of <mEDRASerialArticleWork> record

End of <mEDRASerialArticleVersion> record

Example of an ONIX mEDRA Serial Article Registration Message

This example shows only elements that might be included in a registration package sent by a publisher, ie it does not carry DOI-related elements that mEDRA itself would generate. The message carries a single <mEDRASerialArticleWork> record.

```
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        <FromPerson>??????????</FromPerson>
        <FromEmail>?????@?????</FromEmail>
        <ToCompany>mEDRA</ToCompany>
        <MessageNumber>123</MessageNumber>
        <MessageRepeat>1</MessageRepeat>
        <SentDate>200305281324</SentDate>
        <MessageNote>???????????????</MessageNote>
    </Header>
    <mEDRASerialArticleWork>
        <NotificationType>06</NotificationType>
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        <DOIWebsiteLink>http://www.??????????</DOIWebsiteLink>
        <RegistrantName>????????</RegistrantName >
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                <Date>20032</Date>
            </IssueDate>
        </JournalIssue>
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                    <TitleText>????????</TitleText>
                </Title>
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                    <ContributorRole>A01</ContributorRole>
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                    <LanguageCode>ita</LanguageCode>
                </Language>
                <PublicationDate>20030615</PublicationDate>
                <CopyrightStatement>
                    <CopyrightYear>2003</CopyrightYear>
                    <CopyrightOwner>
                        <CorporateName>????????</CorporateName>
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                </CopyrightStatement>
            </ContentItem>
        </mEDRASerialArticleWork>
</ONIXmEDRASerialArticleWorkRegistrationMessage>
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